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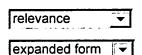
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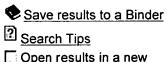
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1 Authentication and signature schemes: Origin authentication in interdomain routing

William Aiello, John Ioannidis, Patrick McDaniel

October 2003 Proceedings of the 10th ACM conference on Computer and communications security

window

Publisher: ACM Press

Full text available: pdf(268.26 KB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> <u>terms</u>

Attacks against Internet routing are increasing in number and severity. Contributing greatly to these attacks is the absence of *origin authentication*: there is no way to validate claims of address ownership or location. The lack of such services enables not only attacks by malicious entities, but indirectly allow seemingly inconsequential miconfigurations to disrupt large portions of the Internet. This paper considers the semantics, design, and costs of origin authentication in interdomai ...

Keywords: BGP, address management, delegation, routing, security

² Practical byzantine fault tolerance and proactive recovery

Miquel Castro, Barbara Liskov

November 2002 ACM Transactions on Computer Systems (TOCS), Volume 20 Issue 4

Publisher: ACM Press

Full text available: pdf(1.63 MB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> terms, review

Our growing reliance on online services accessible on the Internet demands highly available systems that provide correct service without interruptions. Software bugs, operator mistakes, and malicious attacks are a major cause of service interruptions and they can cause arbitrary behavior, that is, Byzantine faults. This article describes a new replication algorithm, BFT, that can be used to build highly available systems that tolerate Byzantine faults. BFT can be used in practice to implement re ...

Keywords: Byzantine fault tolerance, asynchronous systems, proactive recovery, state machine replication, state transfer

3 An architecture for secure wide-area service discovery Todd D. Hodes, Steven E. Czerwinski, Ben Y. Zhao, Anthony D. Joseph, Randy H. Katz March 2002



Wireless Networks, Volume 8 Issue 2/3

Publisher: Kluwer Academic Publishers

Full text available: pdf(365.68 KB)

Additional Information: full citation, abstract, references, citings, index terms

The widespread deployment of inexpensive communications technology, computational resources in the networking infrastructure, and network-enabled end devices poses an interesting problem for end users: how to locate a particular network service or device out of hundreds of thousands of accessible services and devices. This paper presents the architecture and implementation of a secure wide-area Service Discovery Service (SDS). Service providers use the SDS to advertise descriptions of available ...

Keywords: location services, name lookup, network protocols, service discovery

4 Test data generation and feasible path analysis

Robert Jasper, Mike Brennan, Keith Williamson, Bill Currier, David Zimmerman August 1994 Proceedings of the 1994 ACM SIGSOFT international symposium on Software testing and analysis

Publisher: ACM Press

Full text available: pdf(994.61 KB)

Additional Information: full citation, references, citings, index terms, review

5 Spoken dialogue technology: enabling the conversational user interface

Michael F. McTear

March 2002 ACM Computing Surveys (CSUR), Volume 34 Issue 1

Publisher: ACM Press

Full text available: pdf(987.69 KB)

Additional Information: full citation, abstract, references, citings, index terms, review

Spoken dialogue systems allow users to interact with computer-based applications such as databases and expert systems by using natural spoken language. The origins of spoken dialogue systems can be traced back to Artificial Intelligence research in the 1950s concerned with developing conversational interfaces. However, it is only within the last decade or so, with major advances in speech technology, that large-scale working systems have been developed and, in some cases, introduced into commerc ...

Keywords: Dialogue management, human computer interaction, language generation, language understanding, speech recognition, speech synthesis

⁶ A fine-grained access control system for XML documents

Ernesto Damiani, Sabrina De Capitani di Vimercati, Stefano Paraboschi, Pierangela Samarati May 2002 ACM Transactions on Information and System Security (TISSEC), Volume 5 Issue 2

Publisher: ACM Press

Full text available: pdf(330.60 KB)

Additional Information: full citation, abstract, references, citings, index terms

Web-based applications greatly increase information availability and ease of access, which is optimal for public information. The distribution and sharing of information via the Web that must be accessed in a selective way, such as electronic commerce transactions, require the definition and enforcement of security controls, ensuring that information will be accessible only to authorized entities. Different approaches have been proposed that address the problem of protecting information in a Web ...

Keywords: Access control, World Wide Web, XML documents, authorizations specification and enforcement

7 Setting up a VPN gateway

Duncan Napier

January 2002 Linux Journal, Volume 2002 Issue 93

Publisher: Specialized Systems Consultants, Inc.

Full text available: html(24.69 KB) Additional Information: full citation, abstract, index terms

A minimum inverstment VPN--the micro DUCLINGdistribution.

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp			
S1	1	("6370143").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/08 19:38			
S2	1	("6898801").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/08 19:41			
S3	0	("7093000").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/08 19:47			
S4	1	("6404739").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/08 19:48			
S5	1	("7051064").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/08 19:56			
S6	2	(("6405219") or ("5978828")).PN.	US-PGPUB; USPAT	OR	OFF	2006/08/08 20:25			
S7	1	("6226743").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/08 20:25			
S8	8	("6226743").URPN.	USPAT	OR	ON	2006/08/08 20:33			
S9	4183	mask same (tree leaf)	USPAT	OR	ON	2006/08/08 20:33			
S10	0	mask same (tree leaf) and certificate adj authority	USPAT	OR	ON	2006/08/08 20:33			
S11	4	mask same (tree leaf) and certificate	USPAT	OR	ON	2006/08/08 20:34			
S12	108	mask same (tree leaf) and certificate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 20:38			
S13	8	mask same (tree leaf) same (chang\$3 updat\$3) same directory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 20:40			
S14	821	mask same (tree leaf) same (chang\$3 updat\$3) not S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 20:41			
S15	535	(tree leaf) same mask with (chang\$3 updat\$3 differen\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 20:45			

EAST Search History

S16	114	(tree) same mask with (chang\$3 updat\$3 differen\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 20:45
S17	1603	(713/155-159).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/08 20:54
S18	204	S17 and (@pd > "20060103")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 20:55
S19	0	("2006/0168444").URPN.	USPAT	OR	ON	2006/08/08 20:55
S20	0	("2006/0129803").URPN.	USPAT	OR	ON	2006/08/08 20:56
S21	0	("2006/0059333").URPN.	USPAT	OR	ON	2006/08/08 20:57
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S23	0	("7028181").URPN.	USPAT	OR	ON	2006/08/08 21:08
S24	0	(mask and tree and certificate adj authority and directory).clm.	US-PGPUB; USPAT	OR	ON	2006/08/08 21:09
S25	0	(mask and tree and certificate adj authority).clm.	US-PGPUB; USPAT	OR	ON	2006/08/08 21:09
S26	3	(mask and tree and directory).clm.	US-PGPUB; USPAT	OR	ON	2006/08/08 21:09
S27	238	(mask and tree).clm.	US-PGPUB; USPAT	OR	ON	2006/08/08 21:10
S28	22	(mask and tree and leaf).clm.	US-PGPUB; USPAT	OR	ON	2006/08/08 21:10

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